

HTC 99HANW001-00

HTC VIVE Pro Virtual Reality Full System User Manual

Model: 99HANW001-00

Brand: HTC

INTRODUCTION

The HTC VIVE Pro Virtual Reality Full System is engineered to meet the demands of today's most discerning VR users. It offers an easy-to-deploy VR solution that adapts to various professional and personal environments. Whether in seated setups or expansive multi-user spaces, the VIVE Pro delivers high fidelity visuals, clear audio, and an immersive virtual reality experience.



Image: The complete HTC VIVE Pro system, including the headset, two VIVE controllers, and two SteamVR Base Stations.

WHAT'S IN THE BOX

Your HTC VIVE Pro Virtual Reality Full System package includes the following components:

- HTC VIVE Pro Virtual Reality Headset
- 2 VIVE Controllers
- 2 SteamVR Base Stations
- Link Box
- Power Adapter
- USB Cable
- HDMI Cable
- Cleaning Cloth
- Documentation



Image: The two VIVE controllers, essential for interacting within virtual environments.



Image: The two SteamVR Base Stations, which provide precise room-scale tracking.

SETUP GUIDE

Follow these steps to set up your HTC VIVE Pro system for optimal performance:

1. 1. Unpack Components

Carefully remove all components from the packaging. Ensure all items listed in the 'What's in the Box' section are present.

2. 2. Install Base Stations

Mount the two SteamVR Base Stations diagonally opposite each other in your designated play area. They should be positioned above head height (at least 6.5 feet or 2 meters) and angled downwards. Ensure they have a clear line of sight to each other and to the play area. Connect them to power outlets.

3. 3. Connect Headset

Connect the VIVE Pro headset to the Link Box using the provided cables (USB, DisplayPort/HDMI, and power). Then, connect the Link Box to your computer's USB and DisplayPort/HDMI ports, and plug in its power adapter.

4. 4. Install Software

Download and install the VIVE software from the official HTC VIVE website. Follow the on-screen instructions to complete the installation and driver setup.

5. 5. Calibrate Play Area

Launch the VIVE software and follow the room setup instructions. This process will guide you through defining your play space boundaries using the controllers, ensuring a safe and immersive experience.

OPERATING YOUR VIVE PRO SYSTEM

Once set up, operating your VIVE Pro system is intuitive:

Wearing the Headset

Adjust the headset's head strap and top strap for a comfortable and secure fit. The VIVE Pro features an extremely comfortable head strap and removable high-quality headphones for an immersive audio experience. Ensure the lenses are clear and the display is centered for optimal visual clarity. The padding around the nose is designed to block out outside light effectively.



Image: Front view of the VIVE Pro Headset, showcasing its dual cameras and sleek design.



Image: Side view of the VIVE Pro Headset, highlighting the integrated headphones and adjustable strap.



Image: Top view of the VIVE Pro Headset, showing the top strap adjustment mechanism.



Image: Back view of the VIVE Pro Headset, illustrating the rear head support and adjustment dial.



Image: Bottom view of the VIVE Pro Headset, showing the interpupillary distance (IPD) adjustment.

Using the Controllers

The VIVE controllers provide intuitive interaction within VR. Hold one in each hand and use the trackpads, triggers, and grip buttons to manipulate objects, navigate menus, and perform actions in games and applications.

Navigating Virtual Environments

The VIVE Pro supports room-scale VR, allowing you to physically walk around your defined play area. The system's SteamVR 2.0 tracking provides sub-millimeter accuracy, enabling highly immersive experiences. The dual-OLED displays offer a combined resolution of 2880 x 1600 pixels, delivering unparalleled visual fidelity for graphics, text, and textures.

KEY FEATURES

- **STEAM VR 2.0 TRACKING:** Supports room-scale environments up to 22'11" x 22'11" with sub-millimeter tracking accuracy, ideal for multi-user setups.
- **HIGH RESOLUTION DISPLAY:** Dual-OLED displays provide an industry-leading resolution of 2880 x 1600 pixels, ensuring exceptional visual clarity for graphics, text, and textures.
- **SPATIAL AUDIO WITH NOISE CANCELLATION:** Features Hi-res, high impedance headphones with 3D spatial sound and active noise cancellation for an immersive experience free from real-world distractions.
- **MULTI-USER AND EXTENDED USE:** Designed with even weight distribution, easy on-and-off functionality, and adjustments for head size, glasses, and interpupillary distance (IPD), making it suitable for multiple users and prolonged sessions.
- **VIVE TRACKER ECOSYSTEM:** Expand business use cases by integrating real-life objects with VIVE Tracker, bringing them into your virtual simulations. Ideal for motion capture, automotive, aerospace, or

heavy equipment simulation.

- **VIVEPORT INFINITY:** Includes 2 months of unlimited VR play with access to over 700 games and applications.

TECHNICAL SPECIFICATIONS

| Specification | Detail |
|--------------------|---|
| ASIN | B07B9WPR7G |
| Release Date | April 23, 2018 |
| Product Dimensions | 2 x 4 x 8 inches |
| Item Weight | 3.82 Pounds |
| Item Model Number | 99HANW001-00 |
| Manufacturer | HTC Virtual Reality System |
| Batteries | 4 Lithium Polymer batteries required (included) |
| Display Resolution | 2880 x 1600 pixels (combined) |
| Field of View | 110 degrees |
| Refresh Rate | 90 Hz |

CARE AND MAINTENANCE

Proper care ensures the longevity and performance of your VIVE Pro system:

Headset Care

- Use the provided cleaning cloth to gently wipe the lenses. Do not use liquid cleaners or abrasive materials.
- Keep the headset away from direct sunlight, as prolonged exposure can damage the lenses and display.
- Clean the foam padding with a mild, damp cloth. Ensure it is completely dry before use.

Controller Care

- Wipe controllers with a dry or slightly damp cloth.
- Store controllers in a safe place to prevent accidental drops or impacts.

Base Station Care

- Ensure base stations are securely mounted and not subject to vibrations.
- Keep their front panels clear of obstructions and dust.

TROUBLESHOOTING COMMON ISSUES

If you encounter issues with your VIVE Pro system, consider the following:

Display Issues (e.g., black screen, flickering)

- Check all cable connections between the headset, Link Box, and computer. Ensure they are firmly seated.
- Verify your graphics card drivers are up to date.
- Restart the VIVE software and your computer.

Tracking Problems (e.g., controllers drifting, headset losing tracking)

- Ensure base stations are properly positioned and powered on.
- Check for reflective surfaces in your play area (e.g., mirrors, windows) that might interfere with tracking. Cover them if necessary.
- Recalibrate your play area through the VIVE software.

Audio Issues (e.g., no sound, distorted sound)

- Verify the headset's headphones are properly connected and not muted.
- Check your computer's audio output settings to ensure the VIVE Pro is selected as the default device.
- Ensure all cables are securely connected.

WARRANTY AND SUPPORT

Warranty Information

When purchasing this authentic HTC VIVE product from an authorized retailer, your VIVE Pro system comes with a 12-month limited warranty. Please refer to the warranty documentation provided with your product for full details and terms.

Additional Resources

For further assistance, detailed guides, and software updates, please visit the official HTC VIVE support website or refer to the comprehensive user manual PDF:

[User Guide \(PDF\)](#)

[User Manual \(PDF\)](#)

© 2023 HTC. All rights reserved.

Related Documents - 99HANW001-00

| | |
|--|---|
|  <p>HTC VIVE User guide</p> | <p>HTC VIVE User Guide: Setup, Operation, and Troubleshooting</p> <p>Comprehensive user guide for the HTC VIVE virtual reality system, covering system requirements, hardware setup, controller usage, play area configuration, settings, and troubleshooting tips.</p> |
|  <p>HTC VIVE FOCUS VISION ユーザーガイド</p> | <p>VIVE Focus Vision HTC VIVE</p> <p>HTC VIVE VIVE Focus Vision VR</p> |
|  <p>HTC VIVE VIVE Pro 2 User Guide</p> | <p>VIVE Pro 2 User Guide</p> <p>Comprehensive user guide for the VIVE Pro 2 virtual reality headset, covering setup, system requirements, hardware components, and play area configuration.</p> |
|  <p>PROTOTYPE DEVELOPER EDITION WORK IN PROGRESS HTC VIVE DEVELOPER EDITION Setup guide prototype VERSION 2.1</p> | <p>HTC VIVE Developer Edition Setup Guide</p> <p>Comprehensive setup guide for the HTC VIVE Developer Edition VR system, covering room preparation, hardware unpacking, installation, controller setup, and software configuration.</p> |
|  <p>HTC VIVE FOCUS 3 User Guide</p> | <p>HTC VIVE Focus 3 User Guide: Setup, Features, and Operation</p> <p>Comprehensive user guide for the HTC VIVE Focus 3 VR headset, covering setup, features, troubleshooting, and advanced management options like MDM.</p> |
|  <p>2Q7Y100 Guide</p> | <p>HTC VIVE 2Q7Y100 VR Glasses User Guide</p> <p>Comprehensive guide for the HTC VIVE 2Q7Y100 VR glasses, covering setup, components, and basic usage instructions.</p> |